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L6: Entry 49 of 53

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TITLE: METALLIC TONER FOR ELECTROPHOTOGRAPHYAbstract (1):

PURPOSE: To obtain a metallic toner having excellent electrophotographical characteristics and ornamental effect by incorporating a pigment coated with a thin layer consisting of titanium dioxide on a flaky inorg. crystal substrate together with a coloring agent into the toner.

Abstract (2):

CONSTITUTION: This toner for electrophotography formed by incorporating a resin for fixing, coloring agent and compounding agent for the toner is the metallic toner for electrophotography of which the coloring agent is the pigment coated with the thin layer consisting of the titanium dioxide on the flaky inorg. crystal substrate together with the coloring agent. Mica is most preferable in terms of an aspect ratio as the flaky inorg. crystal substrate of the pigment and any material which is the flaky inorg. crystal is used. The amt. of the titanium dioxide to be deposited on the flaky substrate is determined by the degree of the metallic gloss and the required interference color and is preferably in the range of 20~60wt% titanium dioxide.